

Arizona Agriculture
Reaches the World

Citrus, Fruit and Vegetable Standardization

Annual Report
July 1, 2012-June 30, 2013



Arizona Department of Agriculture
1688 W. Adams Street
Phoenix, AZ 85007

Ed Foster, Assistant Director
Janice K. Brewer, Governor

ARIZONA DEPARTMENT OF AGRICULTURE

CITRUS, FRUIT & VEGETABLE STANDARDIZATION

1688 W. Adams Street ▪ Phoenix, Arizona 85007 ▪ (602) 542-0945 ▪
tlopez@azda.gov <http://www.azda.gov/CFV/cf&v.htm>

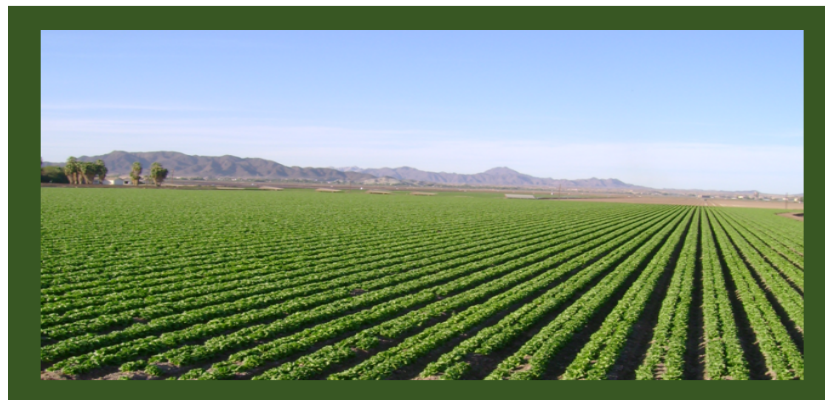
The Citrus, Fruit and Vegetable Standardization as set forth in A.R.S. § 3-441 and A.R.S. § 3-481 provides produce licensing, collection of statistical data and fresh produce administrative assistance. Citrus, Fruit and Vegetable Standardization formerly monitored and enforced quality standards. Under the recommendation of the Citrus, Fruit and Vegetable Standardization Advisory Council, the Citrus, Fruit and Vegetable Standardization program has moved toward a food safety program instead of a produce quality program.

Statistical data is collected from Arizona Shippers, who are the first handlers of produce. Citrus, Fruit and Vegetable Standardization assists the Arizona Citrus Research Council (ACRC) and the Arizona Iceberg Lettuce Research Council (AILRC) in the collection of assessments and statistical data. ACRC and AILRC support the development of citrus and iceberg lettuce research programs and projects within the Arizona produce industry.

Citrus, Fruit and Vegetable Standardization assisted in the implementation and in the current administration of the State of Arizona's first marketing agreement. Arizona Leafy Greens Marketing Agreement (Arizona LGMA) provides food safety audits to the Arizona produce industry and is managed by the Arizona Leafy Greens Food Safety Committee. The Arizona Leafy Greens Food Safety Committee is made up of five signatory members, elected by all of the Arizona LGMA signatories. Arizona is the second largest leafy green producer in the United States. Arizona LGMA members represent 96% of leafy green products grown in Arizona.

Under a cooperative agreement with the United States Department of Agriculture (USDA), Citrus, Fruit and Vegetable Standardization manages the Federal-State Inspection Service which includes shipping point and terminal market inspections with offices in Phoenix, Nogales, and Yuma.

This program is entirely industry funded through license fees and carton assessments and uses no general fund monies. We work closely with a governor appointed industry advisory council, which meets quarterly and advises the program supervisor on all issues pertaining to Citrus, Fruit and Vegetable Standardization.



Note: Acreage information is available at:

Arizona Agricultural Statistics

230 N. 1st Avenue, suite 303

Phoenix, AZ 85003-1706

Telephone: 602-280-8850

Facsimile: 602-280-8897

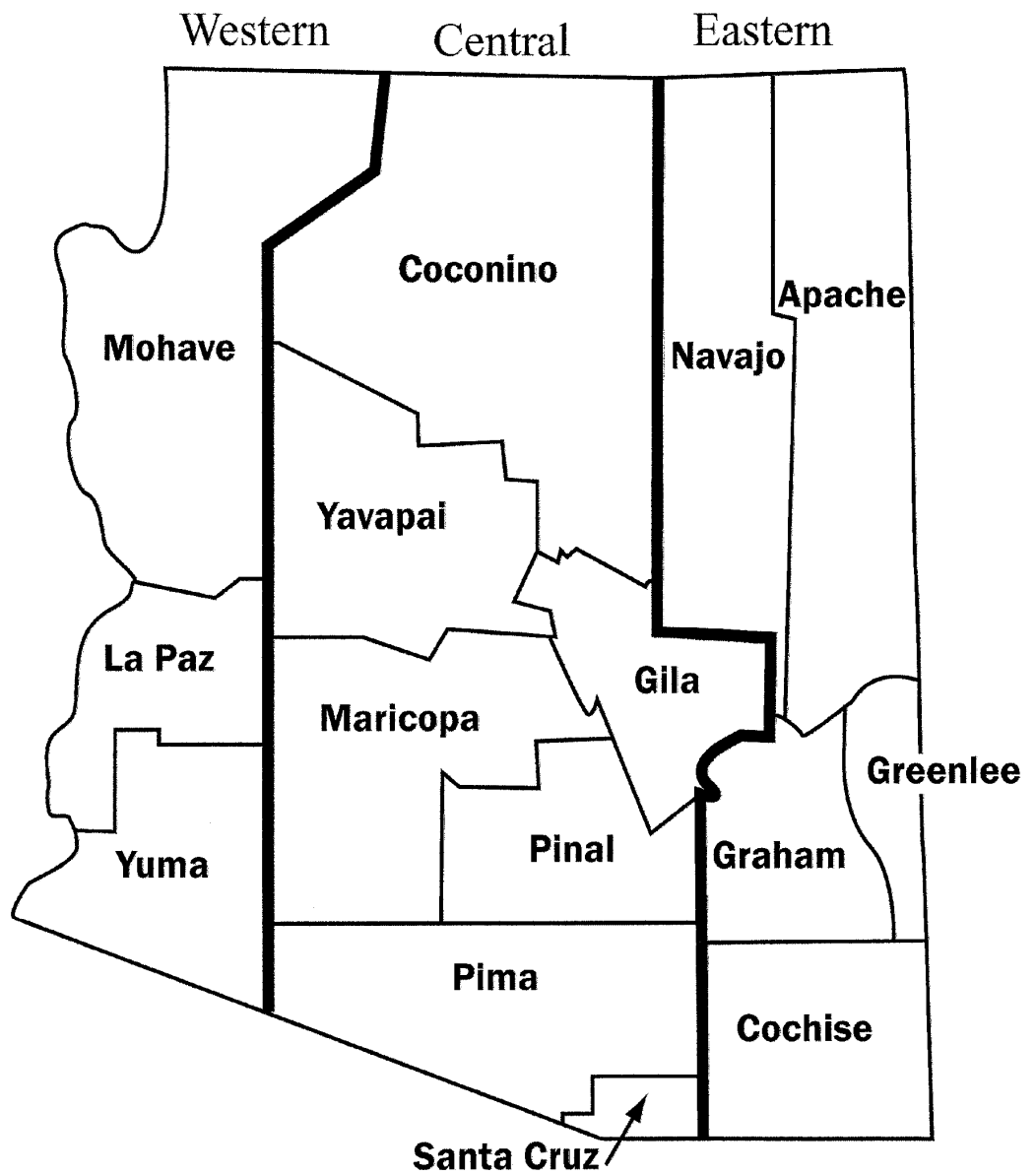
<http://www.nass.usda.gov/az>

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**Arizona Fresh
Fruit & Vegetable Production District Map**



TOP TEN ARIZONA PRODUCE COMMODITIES
JULY 1, 2012 - JUNE 30, 2013

Commodity	Package	Central	Western	Eastern	Total Arizona
Lettuce, Iceberg	Carton	30,848	23,027,787	0	23,058,635
Lettuce, Romaine	Carton	69,704	14,983,943	483	15,054,130
Cantaloupe	Carton	4,919,887	4,138,409	77	9,058,373
Spinach	Carton	76,039	5,387,839	0	5,463,878
Spring Mix	Carton	50,386	5,231,708	43	5,282,137
Lettuce, Leaf	Carton	0	4,891,157	224	4,891,381
Tomatoes	Carton	0	6,205	3,943,746	3,949,951
Broccoli	Carton	700,401	2,888,212	7	3,588,620
Cauliflower	Carton	0	2,968,851	74	2,968,925
Watermelon	Carton	1,189,223	1,754,815	120	2,944,158

TOTAL ARIZONA PRODUCTION
JULY 1, 2012 - JUNE 30, 2013

Commodity	Package	Central	Western	Eastern	Total Arizona
<u>VEGETABLES</u>					
Anise	Carton	11,236	50,453	0	61,689
Artichoke	Carton	0	120	28	148
Aruqula	Carton	0	329,222	0	329,222
Asparagus	Carton	0	0	5	5
Beans, Green	Carton	0	366	854	1,220
Beets	Carton	20,224	7,984	285	28,493
Bok Choy	Carton	31,286	55,244	154	86,684
Broccoli	Carton	700,401	2,888,212	7	3,588,620
Brussel Sprouts	Carton	0	100	0	100
Cabbage	Carton	518,034	2,111,012	15	2,629,061
Cauliflower	Carton	0	2,968,851	74	2,968,925
Celery	Carton	143,305	1,209,667	0	1,352,972
Cilantro	Carton	194,348	142,426	3,698	340,472
Corn	Carton	0	0	3	3
Cucumbers	Carton	0	227	1,300,371	1,300,598
Daikon	Carton	0	1,045	0	1,045
Dandelion/ Dill	Carton	26,009	4,081	2,086	32,176
Eggplant	Carton	0	98	187	285
Endive	Carton	0	15,963	0	15,963
Escarole	Carton	0	21,614	0	21,614
Frisee	Carton	0	8,100	0	8,100
Garlic	Carton	0	0	16	16
Greens, Mixed	Carton	43,763	1,777	112	45,652
Herbs	Carton	18,044	47,464	30,348	95,856
Kale	Carton	132,600	310,527	1,495	444,622
Kohlrabi	Carton	6,881	3,722	53	10,656
Leeks	Carton	26,862	15,398	0	42,260
Lettuce, Boston	Carton	0	541,084	0	541,084
Lettuce, Iceberg	Carton	30,848	23,027,787	0	23,058,635
Lettuce, Leaf	Carton	0	4,891,157	224	4,891,381
Lettuce, Romaine	Carton	69,704	14,983,943	483	15,054,130
Mache	Carton	0	7,661	0	7,661
Napa	Carton	27,897	76,621	0	104,518
Okra	Carton	0	0	6	6
Onions, Dry	Carton	406,793	260,591	54	667,438
Onions, Dry	Mfg Ton	16,295	0	0	16,295

TOTAL ARIZONA PRODUCTION (continued)
JULY 1, 2012 - JUNE 30, 2013

Commodity	Package	Central	Western	Eastern	Total Arizona
<u>VEGETABLES continued</u>					
Onions, Green	Carton	0	8,725	165	8,890
Parsley	Carton	102,604	125,090	24	227,718
Peas, English	Carton	0	0	4	4
Peppers, Bell	Carton	0	0	8	8
Peppers, Chile	Carton	0	0	23	23
Peppers, Chile	Mfg Ton	262	0	3,278	3,540
Potatoes, Table	50 Pound Carton	607,582	1,713	289	609,584
Radicchio	Carton	0	13,596	0	13,596
Spinach	Carton	76,039	5,387,839	0	5,463,878
Spring Mix	Carton	50,386	5,231,708	43	5,282,137
Squash, Summer / Winter	Carton	0	16,905	1,222	18,127
Sweet Potatoes/Yams	Carton	0	0	36	36
Swiss Chard	Carton	47,536	79,664	370	127,570
Tomatoes	Carton	0	6,205	3,943,746	3,949,951
Turnips	Carton	16,938	0	51	16,989
<u>FRUIT</u>					
Apples	Carton	0	0	23,822	23,822
Apples	Mfg Ton	0	0	1,336	1,596
Grapes, Zante Currant	Carton	16,763	0	0	16,763
Pears	Carton	0	0	4,116	4,116
Pumpkin	Carton	0	0	206	206
<u>MELONS</u>					
Cantaloupe	Carton	4,919,887	4,138,409	77	9,058,373
Honeydew	Carton	1,337,291	934,616	0	2,271,907
Orange Flesh	Carton	1,276	1,616	0	2,892
Specialty & Mixed Melons	Carton	181,615	347,811	0	529,426
Watermelon	Carton	1,189,223	1,754,815	120	2,944,158
<u>CITRUS</u>					
Grapefruit	Carton	7,747	1,444	0	9,191
Lemons	Carton	0	1,716,608	0	1,716,608
Oranges					
Mandarin	Carton	0	5,661	0	5,661
Navel	Carton	7,182	6,280	0	13,462
Seville	Carton	1,071	0	0	1,071
Valencia	Carton	605	33	0	638
Tangerines					
Fairchild	Carton	0	7,151	0	7,151
Minneola	Carton	0	69,801	0	69,801
Orlando	Carton	0	1,775	0	1,775
<u>CITRUS BY-PRODUCTS</u>					
Grapefruit	Mfg Ton	0	521	0	521
Lemons	Mfg Ton	0	7,824	0	7,824
Oranges					
Mandarin	Mfg Ton	0	102	0	102
Tangerines					
Fairchild	Mfg Ton	0	75	0	75
Minneola	Mfg Ton	0	868	0	868
Orlando	Mfg Ton	0	25	0	25

FIVE YEAR PRODUCTION COMPARISONS

Comparison of Fresh Cartons

Commodity	2008-09	2009-10	2010-11	2011-12	2012-13
Anise	3,381	2,517	51,845	35,721	61,689
Apples	42,479	24,295	41,462	12,386	23,822
Artichokes	3,938	28	0	50	148
Arugula	220,030	317,389	303,541	339,194	329,222
Asparagus	25,667	28,168	0	11	5
Bean Sprouts	31,992	61,500	0	0	0
Beans, Green	0	19	79	81	1,220
Beets	93,355	7,987	28,184	39,040	28,493
Bok Choy	72,703	40,379	82,477	88,103	86,684
Broccoli	4,652,351	4,432,701	3,934,982	4,239,255	3,588,620
Brussel Sprouts	21,707	5,592	5,258	263	100
Cabbage	1,926,852	2,104,488	2,240,295	2,588,336	2,629,061
Canary Melons	89,511	28,081	18,829	10,184	0
Cantaloupes	12,365,239	11,900,634	11,631,169	8,531,244	9,058,373
Casaba Melons	0	0	8,275	0	0
Cauliflower	2,410,059	2,585,475	2,522,509	2,956,785	2,968,925
Celery	757,114	649,768	958,149	1,179,224	1,352,972
Cilantro	334,637	377,854	369,057	397,383	340,472
Corn, Sweet	0	0	29	4	3
Crenshaw Melons	54,845	14,525	9,592	0	0
Cucumbers	1,478,995	872,165	857,930	1,171,184	1,300,598
Daikon	0	0	0	71	1,045
Dandelion/Dill	37,385	3,378	36,295	28,405	32,176
Eggplant	0	0	174	152	285
Endive	69,658	60,313	31,481	25,335	15,963
Escarole	47,957	50,453	38,265	43,340	21,614
Figs	7,138	10,772	6,459	174	0
Frisee	22,080	6,206	6,026	9,313	8,100
Garlic	12	8	0	0	16
Grapefruit	27,732	45,330	52,920	39,249	9,191
Grapes	7,219	8,865	5,326	0	16,763
Greens, Mixed	92,068	36,754	82,394	63,445	45,652
Herbs	60,900	63,583	65,740	75,984	95,856
Honeydew	2,629,680	1,976,828	2,257,945	2,367,961	2,271,907
Kale/Flowering Kale	100,161	153,999	1,051,263	371,494	444,622
Kohlrabi	4,316	0	8,269	9,738	10,656
Leeks	15,052	11,749	31,205	42,074	42,260
Lemons	2,318,002	1,974,852	2,146,049	870,451	1,716,608
Lettuce, Boston	371,721	555,809	450,385	396,461	541,084
Lettuce, Iceberg	21,365,849	23,065,871	23,440,319	26,025,177	23,058,635
Lettuce, Leaf	4,617,111	4,596,629	4,685,174	5,079,708	4,891,381
Lettuce, Romaine	13,650,330	14,856,025	17,411,171	17,111,269	15,054,130
Mache	17,894	*	*	5,958	7,661
Napa	70,407	40,184	97,747	117,203	104,518

*Included in Spring Mix

Comparison of Fresh Cartons Continued

Commodity	2008-09	2009-10	2010-11	2011-12	2012-13
Okra	0	0	0	0	6
Onions, Dry	466,673	445,488	493,950	417,008	667,438
Onions, Green	111,828	107,722	9,209	27,687	8,890
Orange Flesh Melons	22,625	19,869	21,953	11,820	2,892
Oranges	203,883	133,743	92,038	106,539	20,832
Parsley	160,821	165,866	230,232	227,184	227,718
Parsnips	0	0	4,899	0	0
Peaches	0	444	3,344	0	0
Pears	3,959	392	6,394	2,624	4,116
Peas, English	884	1,464	589	10	4
Peppers, Bell	0	0	18	10	8
Peppers, Chile	0	57,774	11	12	23
Potatoes, Table 50#	1,011,072	1,030,504	530,212	639,407	609,584
Pumpkins	63,472	0	300	120	206
Radicchio	6,899	11,886	29,063	1,216,723	13,596
Rapini	1,824	0	0	241	0
Santa Claus Melons	9,664	0	6,840	1,470	0
Specialty & Mixed Melons	223,461	136,090	201,465	338,790	529,426
Spinach	4,582,172	4,472,235	6,732,878	5,432,702	5,463,878
Spring Mix	5,359,620	4,665,318	4,202,018	9,638,913	5,282,137
Squash, Summer / Winter	18,238	209	17,622	21,732	18,127
Strawberries	0	0	0	24	0
Sweet Potatoes/Yams	0	0	161	327	36
Swiss Chard	12,044	66,117	115,547	134,441	127,570
Tangerines	325,749	278,451	182,692	266,938	78,727
Tomatoes	4,749,740	3,789,748	3,698,920	3,455,319	3,949,951
Turnips	1,329	0	20,365	14,202	16,989
Watercress	0	0	0	70	0
Watermelon	4,378,706	3,594,330	3,866,129	1,902,199	2,944,158
Total Cartons	91,832,190	89,948,823	95,435,118	98,127,922	90,126,842

FIVE YEAR PRODUCTION MANUFACTURED TONS COMPARISONS
Comparison of Mfg. Tons

Commodity	2008-09	2009-10	2010-11	2011-12	2012-13
Apples	6,430	1,521	6,738	1,596	1,336
Grapefruit	285	80	157	0	521
Lemons	52,648	22,854	30,169	6,168	7,824
Onions, Dry	12,725	9,407	0	33,978	16,295
Oranges	1,018	772	649	1,306	102
Pepper, Bell	0	0	0	319	0
Pepper, Chile	5,034	6,556	7,593	3,761	3,540
Tangerines	2,232	2,091	1,918	2,292	968
Total Mfg. Tons	80,372	43,281	47,224	49,420	30,586

CITRUS, FRUIT & VEGETABLE STANDARDIZATION

LICENSING INFORMATION

License Type	2008-09	2009-10	2010-11	2011-12	2012-13
Citrus Dealer	48	48	47	47	48
Packers	90	85	87	96	93
Produce Dealers	243	249	230	225	220
Shippers	144	146	165	169	165
Total	525	528	529	537	526

ORGANIC CERTIFICATION COST SHARE REIMBURSEMENTS

Organic operations may receive one reimbursement per certificate or scope of certification per year. The NOP currently recognizes four scopes of certification: crops, wild crops, livestock, and processing/ handling. This means that clients with more than one certification scope may be eligible for more than one reimbursement.

Eligible operations will be reimbursed up to 75% of their organic certification costs, not to exceed \$750, for each NOP scope of organic certification. Any operation that is located within the United States and received organic certification on or between October 1, 2011 and September 30, 2012 may apply for reimbursement.

Fiscal Year	Certification Dates	Number of Reimbursements	Amount Reimbursed
FY 2010-FY 2011	October 1, 2009-September 30, 2010	33	\$23,809.60
FY 2011-FY 2012	October 1, 2010-September 30, 2011	43	\$32,139.20
FY 2012-FY 2013	October 1, 2011-September 30, 2012	48	\$35,280.46
FY 2013-FY 2014	The USDA did not renew the Arizona grant for Organic Certification Cost Share Reimbursement for October 1, 2012-September 30, 2013.		
Total		124	\$91,229.26

FEDERAL STATE INSPECTION SERVICE

The Arizona Federal-State Inspection Service, Fresh Produce Grade Inspection operates under a cooperative agreement between the United States Department of Agriculture and the Arizona Department of Agriculture. Citrus, Fruit and Vegetable Standardization has managed the program since 1996. The service is self supported with mandatory and voluntary inspection and certifications of fruits, vegetables and nuts and is funded entirely through user fees.

Inspection	Fiscal Year	Nogales	Phoenix	Yuma
Market Inspections	FY 2011	620	780	51
Market Inspections	FY 2012	669	597	24
Market Inspections	FY 2013	699	636	38
Shipping Point Inspection	FY 2011	19,978	191	1,054
Shipping Point Inspection	FY 2012	18,378	187	770
Shipping Point Inspection	FY 2013	21,272	144	495